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NOTICE OF ALLOWANCE AND FEE(S) DUE

23643

7590

02/18/2009

BARNES & THORNBURG LLP 11 SOUTH MERIDIAN INDIANAPOLIS, IN 46204 EXAMINER

NATALINI, JEFF WILLIAM

ART UNIT PAPER NUMBER

2831

DATE MAILED: 02/18/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/540.454	05/24/2006	Hiroshi Abe	ABE	1418

TITLE OF INVENTION: ELECTROSTATIC CAPACITY DETECTION TYPE PROXIMITY SENSOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	05/18/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

ppropriate. All further ndicated unless correcte naintenance fee notifica	correspondence including delow or directed oth tions.	ng the Patent, advance on herwise in Block 1, by (a	rders and notification a) specifying a new c	of m	naintenance fees w pondence address;	rill be and/or	mailed to the current (b) indicating a separ	correspondence address as rate "FEE ADDRESS" for
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								(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/540,454	05/24/2006		Hiroshi Abe				ABE	1418
		APACITY DETECTION						T
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300		\$0		\$1055	05/18/2009
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	;				
NATALINI, JE	EFF WILLIAM	2831	324-663000					
. Change of correspondence address or indication of "Fee Address" (37 :FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of u or agents OR, alter (2) the name of a sregistered attorney 2 registered patent	For printing on the patent front page, list) the names of up to 3 registered patent attorneys agents OR, alternatively, b) the name of a single firm (having as a member a gistered attorney or agent) and the names of up to registered patent attorneys or agents. If no name is sted, no name will be printed. 1 2 3				
PLEASE NOTE: Unl	less an assignee is identi h in 37 CFR 3.11. Comp	A TO BE PRINTED ON T ified below, no assignee eletion of this form is NO	data will appear on the	he pa g an a	tent. If an assigne assignment.			ocument has been filed for
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NOTE: The Issue Fee an	d Publication Fee (if requ		d from anyone other th	-	-			e assignee or other party in
Authorized Signature					Date			
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his collection of inform n application. Confiden ubmitting the completed nis form and/or suggesti Sox 1450, Alexandria, V Nexandria. Virginia 223	tiality is governed by 35 d application form to the ions for reducing this but irginia 22313-1450. DC	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to th ONOT SEND FEES OR (on is required to obtain 1.14. This collection is depending upon the e Chief Information O COMPLETED FORM	or restindivi	etain a benefit by the mated to take 12 r idual case. Any co r, U.S. Patent and D'THIS ADDRESS	ne publ ninutes mment Traden	tic which is to file (and to complete, including to on the amount of time nark Office, U.S. Depa D TO: Commissioner for	by the USPTO to process) g gathering, preparing, and he you require to complete rtment of Commerce, P.O. for Patents, P.O. Box 1450,

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10/540,454 05/24/2006		Hiroshi Abe	ABE	1418
23643 75	90 02/18/2009		EXAM	INER
BARNES & THO	ORNBURG LLP	NATALINI, JE	FF WILLIAM	
11 SOUTH MERII		ART UNIT	PAPER NUMBER	
INDIANAPOLIS,	IN 46204		2831	
		DATE MAILED: 02/18/200	9	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/540,454	ABE, HIROSHI	
Notice of Allowability	Examiner	Art Unit	
	JEFF NATALINI	2831	
The MAILING DATE of this communication appea. All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commits GHTS. This application is:	n this application. If not included unication will be mailed in due cour	se. THIS
1. This communication is responsive to <u>amendment filed 2/4/</u>	<u>09</u> .		
2. X The allowed claim(s) is/are <u>3,11,12 and 22</u> .			
3. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give some including changes required by the Notice of Draftspers	been received. been received in Application cuments have been received of this communication to file IENT of this application. itted. Note the attached EX. ces reason(s) why the oath of the submitted. con's Patent Drawing Review as Amendment / Comment of the header according to 37 CI sit of BIOLOGICAL MAT	on No Indicate the control of the drawings in the front (not the bacter 1.121(d)). Indicate the control of the control of the drawings in the front (not the bacter).	ements CE OF
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material /Vincent Q. Nguyen/ Primary Examiner, Art Unit 2831	6.	nformal Patent Application Summary (PTO-413), /Mail Date · Amendment/Comment · Statement of Reasons for Allowan 	ce

DETAILED ACTION

Allowable Subject Matter

Claims 3, 11, 12, and 22 are allowed.

In regard to claim 22, the prior art does not teach or render obvious wherein the first detection electrode is divided into a plurality of first detection electrode divisions and the second detection electrode is divided into a plurality of second electrode divisions, and a shield electrode disposed to individually surround each first detection electrode division and each second detection electrode division so as to electrostatically shield each first detection electrode division and each second detection electrode division in at least one non-detection direction and in the combination as claimed.

Claims 3, 11, and 12, further limit allowable claim 22, and, therefore, are also allowable.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEFF NATALINI whose telephone number is (571)272-2266. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego Gutierrez can be reached on 571-272-2245. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Art Unit: 2831

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeff Natalini/ Examiner, Art Unit 2831